6515 S. Jackrabbit Trail Buckeye, AZ 85326

Hydrogen Sulfide SOP

Scope

- Procedure applies to all Hickman's Family Farms properties, is to ensure property has less than 0.030 PPM of Hydrogen Sulfide

Responsibility

- It is the responsibility of the Food Safety Analyst to coordinate this procedure. The Food Safety Analyst will ensure Compliance Manager and necessary members of upper management are notified of higher levels of Hydrogen Sulfide are obtained.

Frequency

- Sampling will occur monthly
- After three (3) smell complaints are received from governing body (Arizona Department of Air Quality or Maricopa County)

Procedure

- The day before sampling, the Jerome 631-X will be plugged in to charge the battery
- The day of testing, the Jerome 631-X will be zeroed and put through "Regen" (Regen is Cleaning of filters)
- Wait a half hour to allow the internal filters to cool down
- At sampling site- double check that the meter is still zeroed, by pressing zero
- Press sample, record results on Results paper
- After all results are obtained, record results in the file named 2014 Gas, 2015 Gas, and 2016 Gas
- If results are for a 30 minute average, record results in the file named 30 Min Avg. 2015
- Annually the meter is sent into Arizona Instrument LLC for recalibration and servicing

Corrective Action

In the event that a sampling is out of compliance, the Food Safety analyst will resample a half hour later. If the retest comes back above compliant levels, the VP of Operations, Billy Hickman will be called and briefed of the situation. Arizona Department of Environmental Quality will be notified and a compliance plan will be submitted within one business week. The compliance plan will include:

- Technological Evaluations of additional odor control alternatives at the plant
- Additional monitoring and/or air dispersion modeling to determine property line concentration of hydrogen sulfide based on the implementation of selected odor control alternatives
- Conceptual design and preliminary cost estimate for the proposed odor control alternatives
- Schedule for design and construction of the proposed odor control alternatives
- Description of recommended actions

Records

- 2014 Gas, 2015 Gas
- 2016 Gas
- 30 Min Avg. 2015

Reference Material

- Air Quality Permit to Operate and/or Construct
  -Permit number 040136 and 140062